REMARKS

Claims 1-40 are pending, with claims 18-25 and 35-40 withdrawn from consideration.

Applicant thanks the Examiner for the allowance of claims 29-34 and the indication of allowable subject matter in claims 5, 7, 10, and 14-17.

Claims 1, 3, 4, 6, 8, 9, 12, and 26-28 remain rejected under 35 USC 103(a) as being unpatentable over Fleeson (U.S. Patent No. 6,353,846) in view of Rawson et al. (U.S. Patent No. 5,692,204; hereinafter "Rawson"). Claim 2 remains rejected under 35 USC 103(a) as being unpatentable over Fleeson in view of Rawson and Pelham et al. (U.S. Patent No. 4,967,375; hereinafter "Pelham"). Claim 11 remains rejected under 35 USC 103(a) as being unpatentable over Fleeson in view of Rawson and Quick, Jr. (U.S. Patent No. 5,673,259). Claim 13 remains rejected under 35 USC 103(a) as being unpatentable over Fleeson in view of Rawson and Arazi et al. (U.S. Patent Publication No. 2001/0041594; hereinafter "Arazi").

Independent claim 1 recites "In a wireless communication device having a processor, a computer readable memory, and at least one hardware resource coupled to each other, a method of operating the hardware resources comprising: a) locating a first address in the computer readable memory of the wireless communication device, the first address containing operating information associated with a first hardware resource …"

Fleeson is directed to a resource manager 2 for electronic systems such as a software definable radio (SDR). Specifically, the user inputs various commands to establish an operational virtual communication unit (VCU) 8 that is composed of a set of system resource modules 10. (See Fleeson col. 6, lines 17-24.) A property object defines the set of properties for each resource module and a link object defines the necessary modules to implement the operational VCU. (See Fleeson col. 3, lines 33-39.)

The Office Action refers to Fleeson's Figure 6 as teaching locating a first address, as claimed. However, Fig. 6 merely shows a links editor dialog box in which a set of modules and their required properties can be defined to implement a particular link. The Examiner may be

confused by the term "link." In the context of Fleeson, a link is not a memory address as in the context of linked lists, but is instead a communication link. Fleeson involves multi-band multi-functional radios operating in systems having a dozen or more communication links used simultaneously for various purposes, each having unique requirements with regard to radio component functionality. See Fleeson, column 2, lines 26-33. The links editor in Fig. 6 defines these unique requirements for the respective communication links. Thus Fig. 6 does not teach the claimed step of locating a first address.

Independent claim 1 further recites "b) transmitting operating information associated with the first address to the first hardware resource…"

In contrast, Fleeson's properties for each software resource module are predefined (see Fig. 4) and presented to the user (see Fig. 6) during link object definition. (See Fleeson col. 9, lines 36-64.) These required properties for each resource module, however, are not transmitted to the respective resource module during operation. Rather, they are merely compared with the actual resource module properties to determine whether the specific resource module is available for VCU operation. (See Fleeson col. 12, lines 5-18.) Moreover, Fleeson's resource modules are software, and this even if the properties were transmitted to the resource modules, Fleeson still would not suggest transmitting operating information to a hardware resource, as required by the claims.

The Office Action refers to Fleeson, column 12, lines 18-20, as allegedly teaching this feature. However, these lines teach that parameters of resource modules assigned to a virtual communication unit (VCU) by a link object are set for the appropriate modules, as shown in Figure 12B, step 78. No operating information is transmitted to a hardware resource.

The Office Action also refers to Fleeson, column 11, lines 7-13 and 27-31. However, these lines merely teach that in order to create a VCU, a user can use a pointing device to drag a desired communication link object from the links list box show in figure 11B to the adjacent VCUs list box. Resource management processor 38 then allocates to the communication link object the necessary resource modules to implement the VCU. There is no operating information transmitted to a hardware resource.

The Office Action also refers to Fleeson, figure 12A, item 62. However, this item merely involves receiving a command from a user to implement a VCU. Again, there is no operating information transmitted to a hardware resource.

Rawson fails to make up for Fleeson's deficiencies.

Thus, independent claim 1, along with its dependent claims, is patentable over the applied references for at least these reasons.

Independent claims 26-28 each have features similar to those of independent claim 1 discussed above. Thus, independent claims 26-28 are patentable over Fleeson in view of Rawson for at least the same reasons as discussed above with respect to independent claim 1.

Dependent claims 2, 11, and 13, which depend directly on independent claim 1, stand rejected under 35 USC § 103(a) in view of additional references. The additional references are not cited to cure Fleeson's and Rawson's deficiencies, but rather for their disclosure of other features, which, whether or not they do disclose, fail to cure the noted deficiencies in Fleeson and Rawson. Thus dependent claims 2, 11, and 13 are patentable over the applied references at least by virtue of their dependence on independent claim 1.

In view of the above, Applicant believes the pending application is in condition for allowance.

In the event a fee is required or if any additional fee during the prosecution of this application is not paid, the Patent Office is authorized to charge the underpayment to Deposit Account No. 50-2215.

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Respectfully submitted,

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